

## INDEX OF IMPS BEEF ITEMS SERIES - 100

Item No.	100% Avail.	Defect Table	Item No.	100% Avail.	Defect Table	Item No.	100% Avail.	Defect Table
100	X	100 A	121B		100 F	165A	X	100 L
100A	X	100 A	121C		100 F	165B	X	100 L
100B	X	100 A	121D		100 F	166	X	100 L
101	X	100 A	121E		100 F	166A	X	100 J
102	X	100 A	121F	X	100 D	166B	X	100 J
102A	X	100 E	121G		100 F	167		100 M
102B	X	100 A	122	X	100 D	167A		100 M
103	X	100 B	122A		100 F	167B		100 M
103A	X	100 B	123		100 G	167C		100 M
104	X	100 B	123A		100 G	167D		100 M
107	X	100 B	123B		100 G	168		100 M
107A	X	100 B	123C		100 G	169		100 M
108		100 C	123D		100 F	169A		100 M
109	X	100 B	124		100 G	169B		100 M
109A	X	100 B	125	X	100 D	170		100 M
109B	X	100 C	126		100 E	170A		100 M
109C	X	100 B	126A		100 E	171		100 M
109D	X	100 B	127		100 D	171A		100 M
109E	X	100 B	128	X	100 E	171B		100 M
110		100 C	130		100 G	171C		100 M
111		100 C	130A		100 E	172	X	100 K
112		100 C	132	X	100 D	172A	X	100 K
112A		100 C	133	X	100 E	173	X	100 K
113	X	100 D	134		100 G	174	X	100 K
113A	X	100 D	135		100 H	175	X	100 K
113B	X	100 D	135A		100 H	180		100 N
113C		100 D	135B		100 H	181	X	100 K
114		100 E	136		100 I	181A	X	100 K
114A	X	100 E	136A		100 I	182		100 P
114B	X	100 E	136B		100 I	183		100 P
114C		100 E	136C		100 I	184		100 P
114D		100 E	137		100 I	184A		100 P
114E		100 E	137A		100 I	184B		100 P
115		100 E	138		100 I	184C		100 P
115A		100 E	139		100 H	184D		100 P
115B		100 E	155	X	100 A	184E		100 P
115C		100 E	155A	X	100 L	185		100 P
116		100 E	155B	X	100 A	185A		100 P
116A		100 E	155C	X	100 A	185B		100 P
116B		100 E	157		100 J	185C		100 P
116C		100 E	158	X	100 J	185D		100 P
116D		100 E	158A	X	100 J	186		100 P
116E		100 E	159	X	100 L	189		100 O
117	X	100 D	160	X	100 J	189A		100 O
118	X	100 D	160A	X	100 J	189B		100 O
119		100 E	160B		100 J	190		100 O
120		100 E	161	X	100 L	190A		100 O
120A		100 E	161A	X	100 L	191		100 O
120B		100 E	161B		100 L	191A		100 O
120C		100 E	163	X	100 M	191B		100 O
121	X	100 D	163A	X	100 M	192		100 O
121A		100 F	164	X	100 J	192A		100 O
			165	X	100 L	193		100 L

## INDEX OF IMPS BEEF PORTION CUT ITEMS SERIES - 100

Item No.	Defect Table	Item No.	Defect Table	Item No.	Defect Table
1100	100 S	1137	100 R	1180A	100 R
1101	100 S	1137A	100 R	1184	100 R
1102	100 S	1138	100 R	1184A	100 R
1103	100 Q	1138A	100 R	1184B	100 R
1103A	100 R	1138B	100 R	1184D	100 R
1112	100 R	1150	100 R	1185A	100 R
1112A	100 R	1167	100 R	1185B	100 R
1112B	100 R	1167A	100 R	1185C	100 R
1114D	100 R	1167D	100 R	1185D	100 R
1116D	100 R	1169	100 R	1189	100 R
1121D	100 R	1170A	100 R	1189A	100 R
1121E	100 R	1173	100 Q	1189B	100 R
1123	100 Q	1174	100 Q	1190	100 R
1136	100 R	1179	100 Q	1190A	100 R
1136A	100 R	1179A	100 Q	1190B	100 R
1136B	100 R	1180	100 R	1190C	100 R
1136C	100 R				

**TABLE 100 A**

The following defects are applicable to **carcass** Item Nos. 100, 100A, 100B, 101, 102, 102B, 155, 155B, 155C. Sample unit shall be one carcass, side or quarter.

201	The diaphragm, when present, not firmly attached and the membranous portion exceeding 0.25 inch (6 mm) from the lean at any point.	127	Evidence of dark cutting or callused beef.
		140	Maximum fat thickness at any point exceeding specified or required in the item description.
202	Heart fat or thymus glands measuring 0.5 inch (13 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension.	141	Maximum average fat thickness exceeding that specified or required in the item description.
204	The internal fat covering the lumbar, sacral, pelvic, and tenderloin regions exceeding 1.0 inch (25 mm) in depth at any point. (Item Nos. 100A, 100B, 102B, 155B, 155C)	142	Presence of the kidney, kidney knob, and hanging tender. (Item Nos. 100A, 100B, 102B, 155B, 155C)
103	Sides/quarters are not matched. (Item Nos. 100, 100A, 100B)	149	The quarters are not completely or partially separated by a cut following the natural curvature between the 12th and 13th ribs.
206	All cut separations not forming an approximate right angle with the skin surface.	292	Bruise measuring 1.0 inch (25 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension.
107	A small amount or more of lean removed from major muscle(s).	293	Blood clot measuring 0.5 inch (13 mm) in the longest dimension.
221	More than a slight amount, but less than a small amount, of lean removed from major muscle(s).	294	Presence of any portion of the spinal cord measuring 1.0 inch (25 mm) or more in one dimension and 0.2 inch (5 mm) in a second dimension.
108	Presence of adjacent cut(s) exceeding 4 percent of cut weight.	296	Product not within specified weight range.
222	Presence of adjacent cut(s) exceeding 2 percent but not more than 4 percent of cut weight.		
111	The split surface of chine not exposing the spinal groove to be evident on at least 75 percent of the length of the side.		

## TABLE 100 B

The following defects are applicable to **bone-in rib** Item Nos. 103, 103A, 104, 107, 107A, 109, 109A, 109C, 109D, 109E.  
Sample unit shall be one rib item.

205	Presence of score more than 0.5 inch (13 mm) in depth at deepest point and when depth is multiplied by the length is equal to or greater than 2.	233	The underlying fat covering the longissimus dorsi and spinalis dorsi not trimmed to an uniform thickness for the entire seamed surface (No more than 0.5 inch (13 mm) difference). (Item Nos. 109A, 109C, 109D)
206	All cut separations not forming an approximate right angle with the skin surface (not applicable for cut separations through natural seams).	115	Presence of chine or feather bone measuring 0.5 inch (13 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension. (Item Nos. 109A, 109C, 109D, 109E)
106	Backstrap measuring 1.0 inch (25 mm) or more in one dimension and 0.5 inch (13 mm) or more in a second dimension. (Item Nos. 109, 109A, 109C, 109D)	234	Presence of chine or feather bone measuring 0.2 inch (5 mm) or more but less than 0.5 inch (13 mm) in one dimension and 0.2 inch (5 mm) or more in a second dimension. (Item Nos. 109A, 109C, 109D)
210	Backstrap measuring 0.2 inch (5 mm) or more but less than 1.0 inch (25 mm) in one dimension and 0.5 inch (13 mm) or more in a second dimension. (Item Nos. 109, 109A, 109C, 109D)	116	Presence of fat cover. (Item Nos. 109C, 109D)
107	A small amount or more of lean removed from major muscle(s).	127	Evidence of dark cutting or callused beef.
221	More than a slight amount, but less than a small amount, of lean removed from major muscle(s).	140	Maximum fat thickness at any point exceeding that specified or required in the item description.
108	Presence of adjacent cut(s) exceeding 4 percent of cut weight.	141	Maximum average fat thickness exceeding that specified or required in the item description.
222	Presence of adjacent cut(s) exceeding 2 percent but not more than 4 percent of cut weight.	292	Bruise measuring 1.0 inch (25 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension.
227	Presence of the diaphragm and fat on the ventral surface of the vertebrae exceeding 1.0 inch (25 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension.	293	Blood clot measuring 0.5 inch (13 mm) or more in one dimension and 0.2 inch (5 mm) in a second dimension.
112	The chine bone not removed as specified. (Item Nos. 103A, 104, 107, 107A, 109, 109A, 109C, 109D)	294	Presence of any portion of the spinal cord measuring 0.5 inch (13 mm) or more in one dimension and 0.2 inch (5 mm) in a second dimension.
113	Presence of blade bone and related cartilage measuring 1.0 inch (25 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension. (Item Nos. 104, 107, 109, 109A, 109C, 109D)	295	Presence of dehydrated surfaces measuring 1.0 square inch (6.5 sq cm) or more.
228	Presence of blade bone and related cartilage measuring 0.3 inch (8 mm) or more but less than 1.0 inch (25 mm) in one dimension and 0.2 inch (5 mm) or more in a second dimension. (Item Nos. 104, 107, 109, 109A, 109C, 109D)	296	Product not within specified weight range.
231	The fat cover having a hole larger than 2.0 square inches (12.9 sq cm). (Item Nos. 109, 109A)	297	Item not properly netted or tied when specified.
232	Fat cover extending beyond short plate side 0.5 inch (13 mm) or more. (Item Nos. 109, 109A)	298	Cut not practically free of bone dust.
		299	Cut not free of ragged edges. (Defect is scored when combined weight of the portion(s) of the ragged edges extending more than 1.0 inch (25 mm) from point of attachment exceeds 1.0 percent of the weight of the cut.)

## TABLE 100 C

The following defects are applicable to **boneless rib** Item Nos. 108, 109B <sup>1/</sup>, 110, 111, 112, 112A. Sample unit shall be 1 rib item.

205	Presence of score more than 0.5 inch (13 mm) in depth at deepest point and when depth is multiplied by the length is equal to or greater than 2.	116	Presence of fat cover. (Item Nos. 112, 112A)
206	All cut separations not forming an approximate right angle with the skin surface (not applicable for cut separations through natural seams).	127	Evidence of dark cutting or callused beef.
104	Bone or cartilage measuring 1.0 inch (25 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension.	140	Maximum fat thickness at any point exceeding specified or required in the item description.
208	Bone or cartilage measuring 0.3 inch (8 mm) or more but less than 1.0 inch (25 mm) in one dimension and 0.2 inch (5 mm) or more in a second dimension.	141	Maximum average fat thickness exceeding that specified or required in the item description.
106	Backstrap measuring 1.0 inch (25 mm) or more in one dimension and 0.5 inch (13 mm) or more in a second dimension.	292	Bruise measuring 1.0 inch (25 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension.
210	Backstrap measuring 0.2 inch (5 mm) or more but less than 1.0 inch (25 mm) in one dimension and 0.5 inch (13 mm) or more in a second dimension.	293	Blood clot measuring 0.5 inch (13 mm) or more in one dimension and 0.2 inch (5 mm) in a second dimension.
107	A small amount or more of lean removed from major muscle(s). <u>2/</u>	294	Presence of any portion of the spinal cord measuring 0.5 inch (13 mm) or more in one dimension and 0.2 inch (5 mm) in a second dimension.
221	More than a slight amount, but less than a small amount, of lean removed from major muscle(s). <u>2/</u>	295	Presence of dehydrated surfaces measuring 1.0 square inch (6.5 sq cm) or more.
108	Presence of adjacent cut(s) exceeding 4 percent of cut weight. <u>2/</u>	296	Product not within specified weight range.
222	Presence of adjacent cut(s) exceeding 2 percent but not more than 4 percent of cut weight. <u>2/</u>	297	Item not properly netted or tied when specified.
232	Fat cover extending beyond short plate side 0.5 inch (13 mm) or more. (Item No. 110)	298	Cut not practically free of bone dust.
		299	Cut not free of ragged edges. (Defect is scored when combined weight of the portion(s) of the ragged edges extending more than 1.0 inch (25 mm) from point of attachment exceeds 1.0 percent of the weight of the cut.)

<sup>1/</sup> Sample unit for 109B shall be 5 lbs. finished product. The AMS agent shall determine the supervision necessary to assure proper specified origin of all raw materials used.

2/ Not applicable to Item No. 109B.

**TABLE 100 D**

The following defects are applicable to **bone-in forequarter** Item Nos. 113, 113A, 113B, 113C, 117, 118, 121, 121F, 122, 125, 127, 132. Sample unit shall be one roast or item as applicable.

201	The diaphragm, when present, not firmly attached and the membranous portion exceeding 0.25 inch (6 mm) from the lean at any point.	225	Cut dividing the chuck is more than 5.0 inches (12.5 cm) or less than 3.0 inches (7.5 cm) ventral from the longissimus dorsi at the rib end. (Item Nos. 113A, 113B)
202	Heart fat or thymus glands measuring 0.5 inch (13 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension.	140	Maximum fat thickness at any point exceeding that specified or required in the item description.
205	Presence of score more than 0.5 inch (13 mm) in depth at deepest point and when depth is multiplied by the length is equal to or greater than 2.	141	Maximum average fat thickness exceeding that specified or required in the item description.
206	All cut separations not forming an approximate right angle with the skin surface (not applicable for cut separations through natural seams).	292	Bruise measuring 1.0 inch (25 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension.
107	A small amount or more of lean removed from major muscle(s).	293	Blood clot measuring 0.5 inch (13 mm) or more in one dimension and 0.2 inch (5 mm) in a second dimension.
221	More than a slight amount, but less than a small amount, of lean removed from major muscle(s).	294	Presence of any portion of the spinal cord measuring 0.5 inch (13 mm) or more in one dimension and 0.2 inch (5 mm) in a second dimension.
108	Presence of adjacent cut(s) exceeding 4 percent of cut weight.	295	Presence of dehydrated surfaces measuring 1.0 square inch (6.5 sq cm) or more.
222	Presence of adjacent cut(s) exceeding 2 percent but not more than 4 percent of cut weight.	296	Product not within specified weight range.
127	Evidence of dark cutting or callused beef.	297	Item not properly netted or tied when specified.
		298	Cut not practically free of bone dust.

**TABLE 100 E**

The following defects are applicable to **boneless forequarter** Item Nos. 102A, 114, 114A, 114B, 114C, 114D, 114E, 115, 115A, 115B, 115C, 116, 116A, 116B, 116C, 116D, 116E, 119, 120, 120A, 120B, 120C, 126, 126A, 128, 130A, 133.  
Sample unit shall be one roast or item as applicable.

201	The diaphragm, when present, not firmly attached and the membranous portion exceeding 0.25 inch (6 mm) from the lean at any point.	221	More than a slight amount, but less than a small amount, of lean removed from major muscle(s).
202	Heart fat or thymus glands measuring 0.5 inch (13 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension.	108	Presence of adjacent cut(s) exceeding 4 percent of cut weight.
205	Presence of score more than 0.5 inch (13 mm) in depth at deepest point and when depth is multiplied by the length is equal to or greater than 2.	222	Presence of adjacent cut(s) exceeding 2 percent but not more than 4 percent of cut weight.
206	All cut separations not forming an approximate right angle with the skin surface (not applicable for cut separations through natural seams).	127	Evidence of dark cutting or callused beef.
104	Bone or cartilage measuring 1.0 inch (25 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension.	224	The hard fat along the sternum edge not trimmed level with the boned surface. (Item No. 120)
208	Bone or cartilage measuring 0.3 inch (8 mm) or more but less than 1.0 inch (25 mm) in one dimension and 0.2 inch (5 mm) or more in a second dimension.	225	Cut dividing the chuck is more than 5.0 inches (12.5 cm) or less than 3.0 inches (7.5 cm) ventral from the longissimus dorsi at the rib end. (Item Nos. 115, 115C, 116, 126, 126A, 128)
106	Backstrap measuring 1.0 inch (25 mm) or more in one dimension and 0.5 inch (13 mm) or more in a second dimension.	238	The clod is less than 1.0 inch (25 mm) thick at any point except within 3/4 inch (19 mm) of the juncture of the trapezius and latissimus dorsi. (Item Nos. 114A, 114B)
210	Backstrap measuring 0.2 inch (5 mm) or more but less than 1.0 inch (25 mm) in one dimension and 0.5 inch (13 mm) or more in a second dimension.	239	Thin end of clod overlapping more than 1.0 inch (25 mm). (Item Nos. 114A, 114B)
212	Presence of tendons on elbow end of shoulder clod protruding more than 0.3 inch (8 mm) from the surface of the lean.	140	Maximum fat thickness at any point exceeding that specified or required in the item description.
213	Heavy connective tissue on the surface of the lower (ventral) edge of the short plate or flank measuring 3.0 square inches (19.4 sq cm) or more. (Item No. 102A)	141	Maximum average fat thickness exceeding that specified or required in the item description.
214	The tendinous ends of shanks to a point where a cross-sectional cut exposes less than 75 percent lean tissue.	292	Bruise measuring 1.0 inch (25 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension.
218	Prescapular and/or any exposed lymph glands measuring 0.5 inch (13 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension.	293	Blood clot measuring 0.5 inch (13 mm) or more in one dimension and 0.2 inch (5 mm) in a second dimension.
220	Diameter of blood vessel when only a cross-section is exposed measuring 1.0 inch (25 mm) or more in any dimension or exposed blood vessel that measures 1.0 inch (25 mm) or more in length and 0.5 inch (13 mm) or more in diameter.	294	Presence of any portion of the spinal cord measuring 0.5 inch (13 mm) or more in one dimension and 0.2 inch (5 mm) in a second dimension.
107	A small amount or more of lean removed from major muscles.	295	Presence of dehydrated surfaces measuring 1.0 square inch (6.5 sq cm) or more.
		296	Product not within specified weight range.
		297	Item not properly netted or tied when specified.
		298	Cut not practically free of bone dust.
		299	Cut not free of ragged edges. (Defect is scored when combined weight of the portion(s) of the ragged edges extending more than 1.0 inch (25 mm) from point of attachment exceeds 1.0 percent of the weight of the cut.)

## TABLE 100 F

The following defects are applicable to **boneless plate** Item Nos. 121A, 121B, 121C, 121D, 121E, 121G, 122A, 123D.  
Sample unit shall be one roast or item as applicable.

201	The diaphragm, when present, not firmly attached and the membranous portion exceeding 0.25 inch (6 mm) from the lean at any point. (Item Nos. 121A, 121C, 121G)	108	Presence of adjacent cut(s) exceeding 4 percent of cut weight.
202	Heart fat or thymus glands measuring 0.5 inch (13 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension.	222	Presence of adjacent cut(s) exceeding 2 percent but not more than 4 percent of cut weight.
205	Presence of score more than 0.5 inch (13 mm) in depth at deepest point and when depth is multiplied by the length is equal to or greater than 2.	226	End of diaphragm not reasonably squared off. (Item No. 121E)
104	Bone or cartilage measuring 1.0 inch (25 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension.	127	Evidence of dark cutting or callused beef.
208	Bone or cartilage measuring 0.3 inch (8 mm) or more but less than 1.0 inch (25 mm) in one dimension and 0.2 inch (5 mm) or more in a second dimension.	138	Less than specified amount of lean exposed or remaining fat exceeds specified depth at any point. (Item Nos. 121D, 121E)
213	Heavy connective tissue on the surface of the lower (ventral) edge of the short plate or flank measuring 3.0 square inches (19.4 sq cm) or more.	292	Bruise measuring 1.0 inch (25 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension.
215	The membranous covering from skirts, flanks, and abdominal section of short plates or the membranous portion of the diaphragm measuring 2.0 square inches (12.9 sq cm) or more. (Item Nos. 121B, 121D, 121E)	293	Blood clot measuring 0.5 inch (13 mm) or more in one dimension and 0.2 inch (5 mm) in a second dimension.
107	A small amount or more of lean removed from major muscle(s).	295	Presence of dehydrated surfaces measuring 1.0 square inch (6.5 sq cm) or more.
221	More than a slight amount, but less than a small amount, of lean removed from major muscle(s).	296	Product not within specified weight range.
		298	Cut not practically free of bone dust.
		299	Cut not free of ragged edges. (Defect is scored when combined weight of the portion(s) of the ragged edges extending more than 1.0 inch (25 mm) from point of attachment exceeds 1.0 percent of the weight of the cut.)

**TABLE 100 G**

The following defects are applicable to **bone-in short rib/beef bones** Item Nos. 123, 123A, 123B, 123C, 124, 130, 134.  
Sample unit shall be no less than 5 pounds.

124	Short rib consisting of less than 2 or more than 5 ribs or not the number of specified ribs.	250	The serratus ventralis continuous for at least two ribs on the both dorsal and ventral sides. (Item Nos. 123B, 123C)
126	Bones in sample unit not shank, femur, or humerus. (Item No. 134)	251	The latissimus dorsi and exterior fat cover not removed. (Item Nos. 123A, 123B)
128	Marrow not exposed on at least 1 end of each sawed section. (Item No. 134)	256	Ribs exceed specified width (distance between the dorsal and ventral sides) of the rib sections by 0.5 inch (13 mm).
209	The dorsal side of the short rib not at an approximate right angle to the rib bones nor approximately parallel with ventral side.	284	Bone sections exceed specified length by 1.0 inch (25 mm) or more. (Item No. 134)
236	Evidence of cartilaginous junctures of the rib and thoracic vertebrae 1.0 inch (25 mm) or more in any dimension. (Item Nos. 124, 130)	292	Bruise measuring 1.0 inch (25 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension.
244	Evidence of any costal cartilages on the short rib.	293	Blood clot measuring 0.5 inch (13 mm) or more in one dimension and 0.2 inch (5 mm) in a second dimension.
245	Evidence of any portion of the deep pectoral on the short rib.	294	Presence of any portion of the spinal cord measuring 0.5 inch (13 mm) or more in one dimension and 0.2 inch (5 mm) in a second dimension.
246	The latissimus dorsi not continuous across the cut surface on the dorsal side. (Item Nos. 123, 123C)	295	Presence of dehydrated surfaces measuring 1.0 square inch (6.5 sq cm) or more.
248	Presence of diaphragm, and serous membrane (peritoneum) exceeding 1.0 inch (25 mm) in one dimension and 0.5 inch (13 mm) in a second dimension on short ribs.	296	Product not within specified weight range.
140	Maximum fat thickness at any point exceeding that specified or required in the item description.	298	Cut not practically free of bone dust.
141	Maximum average fat thickness exceeding that specified or required in the item description.	299	Cut not free of ragged edges. (Defect is scored when combined weight of the portion(s) of the ragged edges extending more than 1.0 inch (25 mm) from point of attachment exceeds 1.0 percent of the weight of the cut.)
249	Serratus ventralis not continuous for at least two ribs on both the dorsal and ventral sides of the short rib. (Item No. 123A)		



**TABLE 100 H <sup>1/2/</sup>**

The following defects are applicable to **special trim/diced beef/kabobs** Item Nos. 135, 135A, 135B, 139. Lot and sample unit shall be 5 lbs. finished product.

104	Bone or cartilage measuring 1.0 inch (25 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension.	131	More than 10 percent, by weight, of sample unit consisting of dices which have any individual surface exceeding 3.0 inches (7.5 cm) in length and/or are not of a size equivalent to a 1.0 inch (25 mm) to 1.5 inches (3.8 cm) cube. (Item No. 135B)
208	Bone or cartilage measuring 0.3 inch (8 mm) or more but less than 1.0 inch (25 mm) in one dimension and 0.2 inch (5 mm) or more in a second dimension.	132	More than 10 percent, by weight, of sample unit consisting of dices that have exposed surface and/or seam fat exceeding specified fat thickness at any point. (Item Nos. 135, 135A, 135B)
106	Backstrap measuring 1.0 inch (25 mm) or more in one dimension and 0.5 inch (13 mm) or more in a second dimension.	134	More than 10 percent, by weight, of the sample unit consisting of pieces having surface area that is less than 8.0 square inches (51.6 sq cm) on one side. (Item No. 139)
210	Backstrap measuring 0.2 inch (5 mm) or more but less than 1.0 inch (25 mm) in one dimension and 0.5 inch (13 mm) or more in a second dimension.	138	Less than specified amount of lean exposed or remaining fat exceeds specified depth at any point. (Item No. 139)
218	Popliteal, prescapular, prefemoral and/or any exposed lymph glands measuring 0.5 inch (13 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension.	254	Presence of heavy opaque connective tissue measuring 3.0 square inches (19.4 sq cm) or more (Item No. 139)
220	Diameter of blood vessel measuring 0.5 inch (13 mm) or more in any dimension and 0.1 inch (2 mm) or more in a second dimension.	255	Presence of two dices having connective tissue measuring more than 0.2 inch (5 mm) in thickness (width) (score one defect per two dices).
127	Evidence of dark cutting or callused beef.	258	Presence of 2 or more acceptable dice size pieces that consist entirely of fat (do not score if defect 132 is scored in the same sample unit).
230	Presence of two or more pieces that are less than 0.5 inch (13 mm) at any point. (Item No. 139)	292	Bruise measuring 1.0 inch (25 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension.
129	More than 25 percent, by weight, of sample unit consisting of dices which have any individual surface exceeding 2.5 inches (6.3 cm) in length and/or are not of a size equivalent to a 3/4 inch (19 mm) to 1.5 inches (3.8 cm) cube. (Item No. 135)	293	Blood clot measuring 0.5 inch (13 mm) or more in one dimension and 0.2 inch (5 mm) in a second dimension.
130	More than 15 percent, by weight, of sample unit consisting of dices which have any individual surface exceeding 2.5 inches (6.3 cm) in length and/or are not of a size equivalent to a 3/4 inch (19 mm) to 1.5 inch (3.8 cm) cube. (Item No. 135A)	194	Presence of any portion of the spinal cord.
		295	Presence of dehydrated surfaces measuring 1.0 square inch (6.5 sq cm) or more.

1/ Presence of shank and/or, unless otherwise specified, heel meat shall cause rejection of the lot.

2/ Presence of product having ground appearance shall cause rejection of the lot.

**TABLE 100 I**

The following defects are applicable to item No. 138 and fresh-chilled boneless beef prior to production of **ground beef** Item Nos. 136, 136A, 136B, 136C, 137, 137A. Sample unit shall consist of a minimum of 10 pounds of adjacent meat. Evidence of beef after final grinding appearing abnormally light in color (i.e., light grayish pink) shall cause rejection of the lot.

104	Bone or cartilage measuring 1.0 inch (25 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension.	219	Non Carcass components, cod, udder, kidney, pelvic, or heart fat having a surface area measuring 2.0 square inches (12.9 sq cm) or more and 0.5 inch (13 mm) or more in depth at any point.
208	Bone or cartilage measuring 0.3 inch (8 mm) or more but less than 1.0 inch (25 mm) in one dimension and 0.2 inch (5 mm) or more in a second dimension.	253	Presence of 2 or more pieces of any size which more than 50 percent of its surface area is composed of heavy opaque connective tissue, bone, or cartilage, (do not score if defects 104, 208, 212, 215, or 254 are scored for those pieces).
106	Backstrap measuring 1.0 inch (25 mm) or more in one dimension and 0.5 inch (13 mm) or more in a second dimension.	254	Presence of heavy opaque connective tissue measuring 3.0 square inches (19.4 sq cm) or more.
210	Backstrap measuring 0.2 inch (5 mm) or more but less than 1.0 inches in one dimension and 0.5 inch (13 mm) or more in a second dimension.	292	Bruise measuring 1.0 inch (25 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension.
212	Presence of tendons on elbow end of clod of the shoulder clod protruding more than 0.3 inch (8 mm) from the surface of the lean.	293	Blood clot measuring 0.5 inch (13 mm) or more in one dimension and 0.2 inch (5 mm) in a second dimension.
214	The tendinous ends of shanks, knuckles, and bottom rounds to a point where a cross-sectional cut exposes less than 75 percent lean tissue.	294	Presence of any portion of the spinal cord measuring 0.5 inch (13 mm) or more in one dimension and 0.2 inch (5 mm) in a second dimension.
215	The membranous covering from skirts, flanks, hanging tenders, and abdominal section of short plates or the membranous portion of the diaphragm measuring 5.0 square inches (32.3 sq cm) or more.	295	Presence of dehydrated surfaces measuring 1.0 square inch (6.5 sq cm) or more.
218	Popliteal, prescapular, prefemoral and/or any exposed lymph glands measuring 0.5 inch (13 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension.		

## TABLE 100 J

The following defects are applicable to **bone-in round** Item Nos. 157, 158, 158A, 160, 160A, 160B, 164, 166A, 166B.  
Sample unit shall be one roast or item as applicable.

205	Presence of score more than 0.5 inch (13 mm) in depth at deepest point and when depth is multiplied by the length is equal to or greater than 2.	265	Presence of the lean and fat that overlaid the aitch bone measuring 2.0 square inches (12.9 sq cm) or more and 0.5 inch (13 mm) or more in depth at any point. (Item Nos. 160, 160A, 164, 166A, 166B)
206	All cut separations not forming an approximate right angle with the skin surface (not applicable for cut separations through natural seams).	268	The shank not removed at the stifle joint and by a cut through the natural seam between the heel (gastrocnemius and superficial digital flexor). (Item Nos. 157, 160, 160A, 164, 166A)
218	Presence of any exposed lymph gland measuring 0.5 inch (13 mm) or more in one dimension and 0.2 inch (5 mm) in a second dimension.	273	Presence of less than 3.0 inches (7.5 cm) or more than 5.0 inches (12.5 cm) of exposed shank bone and/or evidence of hock joint. (Item No. 166B)
107	A small amount or more of lean removed from major muscle(s).	175	Presence of aitch and/or tail bones measuring 0.5 inch (13 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension. (Item Nos. 160, 164, 166A, 166B)
221	More than a slight amount, but less than a small amount, of lean removed from major muscle(s).	275	Presence of aitch and/or tail bones measuring 0.2 inch (5 mm) or more but less than 0.5 inch (13 mm) in one dimension and 0.2 inch (5 mm) or more in a second dimension. (Item Nos. 160, 160A, 164, 166A, 166B)
108	Presence of adjacent cut(s) exceeding 4 percent of cut weight.	292	Bruise measuring 1.0 inch (25 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension.
222	Presence of adjacent cut(s) exceeding 2 percent but not more than 4 percent of cut weight.	293	Blood clot measuring 0.5 inch (13 mm) or more in one dimension and 0.2 inch (5 mm) in a second dimension.
127	Evidence of dark cutting or callused beef.	295	Presence of dehydrated surfaces measuring 1.0 square inch (6.5 sq cm) or more.
140	Maximum fat thickness at any point exceeding that specified or required in the item description.	296	Product not within specified weight range.
141	Maximum average fat thickness exceeding that specified or required in the item description.	297	Item not properly netted or tied when specified.
257	Presence of the gambrel cord protruding more than 0.3 inch (8 mm).	298	Cut not practically free of bone dust.
261	Presence of the obliquus abdominis internus (flank muscle).	299	Cut not free of ragged edges. (Defect is scored when combined weight of the portion(s) of the ragged edges extending more than 1.0 inch (25 mm) from point of attachment exceeds 1.0 percent of the weight of the cut.)
263	Presence of sacrosciatic ligament measuring 1.0 square inch (6.5 sq cm) or more. (Item Nos. 160, 160A, 164, 166A, 166B)		
264	Presence of the thick opaque portion of the gracilis membrane measuring 1.0 square inch (6.5 sq cm) or more. (Item Nos. 160, 160A, 164, 166A, 166B)		

## TABLE 100 K

The following defects are applicable to **bone-in loin** Item Nos. 172, 172A, 173, 174, 175, 181, 181A. Sample unit shall be one roast or item as applicable.

203	Presence of the kidney, kidney knob, and/or hanging tender.	127	Evidence of dark cutting or callused beef.
204	The internal fat covering the lumbar, sacral, pelvic, and tenderloin regions exceeding 1.0 inch (25 mm) in depth at any point.	261	Presence of the obliquus abdominis internus (flank muscle). (Item Nos. 181, 181A)
205	Presence of score more than 0.5 inch (13 mm) in depth at deepest point and when depth is multiplied by the length is equal to or greater than 2.	140	Maximum fat thickness at any point exceeding that specified or required in the item description.
206	All cut separations not forming an approximate right angle with the skin surface (not applicable for cut separations through natural seams).	141	Maximum average fat thickness exceeding that specified or required in the item description.
107	A small amount or more of lean removed from major muscle(s).	292	Bruise measuring 1.0 inch (25 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension.
221	More than a slight amount, but less than a small amount, of lean removed from major muscle(s).	293	Blood clot measuring 0.5 inch (13 mm) or more in one dimension and 0.2 inch (5 mm) in a second dimension.
108	Presence of adjacent cut(s) exceeding 4 percent of cut weight.	294	Presence of any portion of the spinal cord measuring 0.5 inch (13 mm) or more in one dimension and 0.2 inch (5 mm) in a second dimension.
222	Presence of adjacent cut(s) exceeding 2 percent but not more than 4 percent of cut weight.	295	Presence of dehydrated surfaces measuring 1.0 square inch (6.5 sq cm) or more.
223	Fat over the inside surface of rib exceeding 0.2 inch (5 mm) in depth at any point.	296	Product not within specified weight range.
115	Presence of chine bone measuring 0.5 inch (13 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension. (Item No. 175)	297	Item not properly netted or tied when specified.
234	Presence of chine bone measuring 0.2 inch (5 mm) or more but less than 0.5 inch (13 mm) in one dimension and 0.2 inch (5 mm) or more in a second dimension. (Item No. 175)	298	Cut not practically free of bone dust.
		299	Cut not free of ragged edges. (Defect is scored when combined weight of the portion(s) of the ragged edges extending more than 1.0 inch (25 mm) from point of attachment exceeds 1.0 percent of the weight of the cut.)

# TABLE 100 L

The following defects are applicable to **boneless hindquarter** Item Nos. 155A, 159, 161, 161A, 161B, 165, 165A, 165B, 166, 193. Sample unit shall be one roast or item as applicable.

203	Presence of the kidney, kidney knob, and/or hanging tender.	261	Presence of the obliquus abdominis internus (flank muscle). (Item Nos. 159, 161, 161A, 165, 165A, 165B, 166)
205	Presence of score more than 0.5 inch (13 mm) in depth at deepest point and when depth is multiplied by the length is equal to or greater than 2.	263	Presence of sacrosciatic ligament measuring 1.0 square inch (6.5 sq cm) or more. (Item Nos. 159, 161, 161A, 165, 165A, 165B, 166)
206	All cut separations not forming an approximate right angle with the skin surface (not applicable for cut separations through natural seams).	264	Presence of the thick opaque portion of the gracilis membrane measuring 1.0 square inch (6.5 sq cm) or more. (Item Nos. 159, 161, 161A, 165, 165A, 165B, 166)
104	Bone or cartilage measuring 1.0 inch (25 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension.	265	Presence of the lean and fat that overlaid the aitch bone measuring 2.0 square inches (12.9 sq cm) or more and 0.5 inch (13 mm) or more in depth at any point. (Item Nos. 159, 161, 161A, 165, 165A, 165B, 166)
208	Bone or cartilage measuring 0.3 inch (8 mm) or more but less than 1.0 inch (25 mm) in one dimension and 0.2 inch (5 mm) or more in a second dimension.	268	The shank not removed at the stifle joint and by a cut through the natural seam between the heel (gastrocnemius and superficial digital flexor). (Item Nos. 161, 161A, 165, 165A, 165B, 166)
214	The tendinous ends of shanks, knuckles, and bottom rounds to a point where a cross-sectional cut exposes less than 75 percent lean tissue.	140	Maximum fat thickness at any point exceeding that specified or required in the item description.
215	The membranous covering from skirts, flanks, hanging tenders, and abdominal section of short plates or the membranous portion of the diaphragm measuring 2.0 square inches (12.9 sq cm) or more.	141	Maximum average fat thickness exceeding that specified or required in the item description.
218	Popliteal, prefemoral and/or any exposed lymph glands measuring 0.5 inch (13 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension.	292	Bruise measuring 1.0 inch (25 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension.
220	Diameter of blood vessel when only a cross-section is exposed measuring 1.0 inch (25 mm) or more in any dimension or exposed blood vessel that measures 1.0 inch (25 mm) or more in length and 0.5 inch (13 mm) or more in diameter.	293	Blood clot measuring 0.5 inch (13 mm) or more in one dimension and 0.2 inch (5 mm) in a second dimension.
107	A small amount or more of lean removed from major muscle(s).	294	Presence of any portion of the spinal cord measuring 0.5 inch (13 mm) or more in one dimension and 0.2 inch (5 mm) in a second dimension.
221	More than a slight amount, but less than a small amount, of lean removed from major muscle(s).	295	Presence of dehydrated surfaces measuring 1.0 square inch (6.5 sq cm) or more.
108	Presence of adjacent cut(s) exceeding 4 percent of cut weight.	296	Product not within specified weight range.
222	Presence of adjacent cut(s) exceeding 2 percent but not more than 4 percent of cut weight.	297	Item not properly netted or tied when specified.
127	Evidence of dark cutting or callused beef.	298	Cut not practically free of bone dust.
		299	Cut not free of ragged edges. (Defect is scored when combined weight of the portion(s) of the ragged edges extending more than 1.0 inch (25 mm) from point of attachment exceeds 1.0 percent of the weight of the cut.)

**TABLE 100 M**

The following defects are applicable to **boneless round** Item Nos. 163, 163A, 167, 167A, 167B, 167C, 167D, 168, 169, 169A, 169B, 170, 170A, 171, 171A, 171B, 171C. Sample unit shall be one roast or item as applicable.

205	Presence of score more than 0.5 inch (13 mm) in depth at deepest point and when depth is multiplied by the length is equal to or greater than 2.	247	Presence of loose "skin" tissue on the outside of the peeled knuckle measuring 3.0 square inches (19.4 sq cm) or more. (Item No. 167A)
206	All cut separations not forming an approximate right angle with the skin surface (not applicable for cut separations through natural seams).	254	Presence of heavy opaque connective tissue measuring 3.0 square inches (19.4 sq cm) or more. (Item Nos. 170, 170A, 171B)
104	Bone or cartilage measuring 1.0 inch (25 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension.	263	Presence of sacrosciatic ligament measuring 1.0 square inch (6.5 sq cm) or more.
208	Bone or cartilage measuring 0.3 inch (8 mm) or more but less than 1.0 inch (25 mm) in one dimension and 0.2 inch (5 mm) or more in a second dimension.	264	Presence of the thick opaque portion of the gracilis membrane measuring 1.0 square inch (6.5 sq cm) or more. (Item Nos. 163, 169)
214	The tendinous ends of shanks, knuckles, and bottom rounds to a point where a cross-sectional cut exposes less than 75 percent lean tissue.	265	Presence of the lean and fat that overlaid the aitch bone measuring 2.0 square inches (12.9 sq cm) or more and 0.5 inch (13 mm) or more in depth at any point. (Item Nos. 163, 168, 169)
218	Popliteal and/or any exposed lymph glands measuring 0.5 inch (13 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension. (Item Nos. 163, 170, 170A, 171B, 171C)	268	The shank not removed at the stifle joint and by a cut through the natural seam between the heel (gastrocnemius and superficial digital flexor).
220	Diameter of blood vessel when only a cross-section is exposed measuring 1.0 inch (25 mm) or more in any dimension or exposed blood vessel that measures 1.0 inch (25 mm) or more in length and 0.5 inch (13 mm) or more in diameter.	270	The heel (gastrocnemius) not removed along the natural seam adjacent to the semitendinosus and biceps femoris. (Item Nos. 170A, 171A, 171B)
107	A small amount or more of lean removed from major muscle(s).	292	Bruise measuring 1.0 inch (25 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension.
221	More than a slight amount, but less than a small amount, of lean removed from major muscle(s).	293	Blood clot measuring 0.5 inch (13 mm) or more in one dimension and 0.2 inch (5 mm) in a second dimension.
108	Presence of adjacent cut(s) exceeding 4 percent of cut weight.	294	Presence of any portion of the spinal cord measuring 0.5 inch (13 mm) or more in one dimension and 0.2 inch (5 mm) in a second dimension.
222	Presence of adjacent cut(s) exceeding 2 percent but not more than 4 percent of cut weight.	295	Presence of dehydrated surfaces measuring 1.0 square inch (6.5 sq cm) or more.
127	Evidence of dark cutting or callused beef.	296	Product not within specified weight range.
140	Maximum fat thickness at any point exceeding that specified or required in the item description.	297	Item not properly netted or tied when specified.
141	Maximum average fat thickness exceeding that specified or required in the item description.	298	Cut not practically free of bone dust.
		299	Cut not free of ragged edges. (Defect is scored when combined weight of the portion(s) of the ragged edges extending more than 1.0 inch (25 mm) from point of attachment exceeds 1.0 percent of the weight of the cut.)

## TABLE 100 N

The following defects are applicable to **boneless strip loin** Item No. 180. Sample unit shall be one roast or item as applicable.

203	Presence of kidney, kidney knob, and/or hanging tender.	127	Evidence of dark cutting or callused beef.
204	The internal fat covering the lumbar, sacral, pelvic, and tenderloin regions exceeding 1.0 inch (25 mm) in depth at any point.	140	Maximum fat thickness at any point exceeding that specified or required in the item description.
205	Presence of score more than 0.5 inch (13 mm) in depth at deepest point and when depth is multiplied by the length is equal to or greater than 2.	141	Maximum average fat thickness exceeding that specified or required in the item description.
206	All cut separations not forming an approximate right angle with the skin surface (not applicable for cut separations through natural seams).	292	Bruise measuring 1.0 inch (25 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension.
104	Bone or cartilage measuring 1.0 inch (25 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension.	293	Blood clot measuring 0.5 inch (13 mm) or more in one dimension and 0.2 inch (5 mm) in a second dimension.
208	Bone or cartilage measuring 0.3 inch (8 mm) or more but less than 1.0 inch (25 mm) in one dimension and 0.2 inch (5 mm) or more in a second dimension.	294	Presence of any portion of the spinal cord measuring 0.5 inch (13 mm) or more in one dimension and 0.2 inch (5 mm) in a second dimension.
107	A small amount or more of lean removed from major muscle(s).	295	Presence of dehydrated surfaces measuring 1.0 square inch (6.5 sq cm) or more.
221	More than a slight amount, but less than a small amount, of lean removed from major muscle(s).	296	Product not within specified weight range.
108	Presence of adjacent cut(s) exceeding 4 percent of cut weight.	297	Item not properly netted or tied when specified.
222	Presence of adjacent cut(s) exceeding 2 percent but not more than 4 percent of cut weight.	298	Cut not practically free of bone dust.
		299	Cut not free of ragged edges. (Defect is scored when combined weight of the portion(s) of the ragged edges extending more than 1.0 inch (25 mm) from point of attachment exceeds 1.0 percent of the weight of the cut.)

## TABLE 100 O

The following defects are applicable to **tenderloin** Item Nos. 189, 189A, 189B, 190, 190A, 191, 191A, 191B, 192, 192A.  
Sample unit shall be one roast or item as applicable.

205	Presence of score with a depth of 0.5 inch (13 mm) or more and 1.0 inch (25 mm) or more in length.	242	The lean surface having more than 0.2 inch (5 mm) fat thickness at any point. (Item Nos. 189A, 189B, 190, 190A, 191)
104	Bone or cartilage measuring 1.0 inch (25 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension.	243	Presence of surface fat not tapered down from the exposed lymph gland over the psoas major to the anterior end of the tenderloin. (Item Nos. 189, 192)
208	Bone or cartilage measuring 0.3 inch (8 mm) or more but less than 1.0 inch (25 mm) in one dimension and 0.2 inch (5 mm) or more in a second dimension.	254	Presence of membranous tissue covering the psoas major measuring 3.0 square inches (19.4 sq cm) or more. (Item No. 190A)
220	Diameter of blood vessel when only a cross- section is exposed measuring 1.0 inch (25 mm) or more in any dimension or exposed blood vessel that measures 1.0 inch (25 mm) or more in length and 0.5 inch (13 mm) or more in diameter.	261	Obliquus abdominis internus (flap) (if present) not trimmed level with the fat surface. (Item Nos. 189, 191)
107	A small amount or more of lean removed from major muscle(s).	292	Bruise measuring 1.0 inch (25 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension.
221	More than a slight amount, but less than a small amount, of lean removed from major muscle(s).	293	Blood clot measuring 0.5 inch (13 mm) or more in one dimension and 0.2 inch (5 mm) in a second dimension.
108	Presence of adjacent cut(s) exceeding 4 percent of cut weight.	295	Presence of dehydrated surfaces measuring 1.0 square inch (6.5 sq cm) or more.
222	Presence of adjacent cut(s) exceeding 2 percent but not more than 4 percent of cut weight.	296	Product not within specified weight range.
140	Maximum fat thickness at any point exceeding that specified or required in the item description.	299	Ragged edges exceeding 1.0 inch (25 mm) in length.
141	Maximum average fat thickness exceeding that specified or required in the item description.		



**TABLE 100 P**

The following defects are applicable to **boneless sirloin** Item Nos. 182, 183, 184, 184A, 184B, 184C, 184D, 184E, 185, 185A, 185B, 185C, 185D, 186. Sample unit shall be one roast or item as applicable.

205	Presence of score more than 0.5 inch (13 mm) in depth at deepest point and when depth is multiplied by the length is equal to or greater than 2.	263	Presence of sacrosciatic ligament measuring 1.0 square inch (6.5 sq cm) or more. (Not applicable to Item No. 184C)
206	All cut separations not forming an approximate right angle with the skin surface (not applicable for cut separations through natural seams).	272	Presence of underlying connective tissue after removal of the obliquus abdominis internus measuring 3.0 square inches (19.4 sq cm) or more. (Item Nos. 183, 186)
104	Bone or cartilage measuring 1.0 inch (25 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension.	292	Bruise measuring 1.0 inch (25 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension.
208	Bone or cartilage measuring 0.3 inch (8 mm) or more but less than 1.0 inch (25 mm) in one dimension and 0.2 inch (5 mm) or more in a second dimension.	293	Blood clot measuring 0.5 inch (13 mm) or more in one dimension and 0.2 inch (5 mm) in a second dimension.
107	A small amount or more of lean removed from major muscle(s).	294	Presence of any portion of the spinal cord measuring 0.5 inch (13 mm) or more in one dimension and 0.2 inch (5 mm) in a second dimension.
221	More than a slight amount, but less than a small amount, of lean removed from major muscle(s).	295	Presence of dehydrated surfaces measuring 1.0 square inch (6.5 sq cm) or more.
108	Presence of adjacent cut(s) exceeding 4 percent of cut weight.	296	Product not within specified weight range.
222	Presence of adjacent cut(s) exceeding 2 percent but not more than 4 percent of cut weight.	297	Item not properly netted or tied when specified.
127	Evidence of dark cutting or callused beef.	298	Cut not practically free of bone dust.
254	Presence of heavy opaque connective tissue measuring 3.0 square inches (19.4 sq cm) or more.	299	Cut not free of ragged edges. (Defect is scored when combined weight of the portion(s) of the ragged edges extending more than 1.0 inch (25 mm) from point of attachment exceeds 1.0 percent of the weight of the cut.)
140	Maximum fat thickness at any point exceeding that specified or required in the item description.		
141	Maximum average fat thickness exceeding that specified or required in the item description.		

**TABLE 100 Q <sup>1/</sup>**

The following defects are applicable to all **bone-in portion cut** items. Sample unit shall be one portion cut item. No individual defect shall be scored more than once per sample unit.

209	The dorsal side of the short rib not at an approximate right angle to the rib bones nor approximately parallel with ventral side. (Item No. 1123)	164	Presence of any portion of unauthorized muscles or bone exceeding 0.5 inch (13 mm) in any dimension on either side.
110	Backstrap measuring 0.2 inch (5 mm) or more inch in one dimension and 0.5 inch (13 mm) or more in a second dimension.	266	Thickness of portion cut not within tolerance permitted.
118	Exposed lymph glands measuring 0.5 inch (13 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension.	267	Thickness uniformity of portion varies more than tolerance.
127	Evidence of dark cutting or callused beef.	169	Diameter of tenderloin less than requirement.
140	Maximum fat thickness at any point exceeding that specified or required in the item description.	271	Item breaks completely apart when suspended from a point no less than 0.5 inch (13 mm) from outer edge.
141	Maximum average fat thickness exceeding that specified or required in the item description.	281	Presence of tag end measuring 1.0 inch (25 mm) or more in any dimension and will not support the weight of the steak when suspended.
249	Serratus ventralis not continuous for at least two ribs on both the dorsal and ventral sides of the short rib. (Item No. 1123)	292	Bruise measuring 1.0 inch (25 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension.
260	Weight of portion cut not within tolerance permitted.	293	Blood clot measuring 0.5 inch (13 mm) or more in one dimension and 0.2 inch (5 mm) in a second dimension.
262	Score more than 1.0 inch (25 mm) in length and more than 1/2 the thickness of the portion cut in depth.	294	Presence of any portion of the spinal cord.
163	Ventral edge of rib and loin items exceeding requirement by 0.2 inch (5 mm) or more.	295	Presence of dehydrated surfaces measuring 1.0 square inch (6.5 sq cm) or more.
		298	Cut not practically free of bone dust.

<sup>1/</sup> No more than a small amount of suitable lean may be removed from properly prepared cuts prior to production of respective portion cut items (i.e., strip steaks may not be produced only from the posterior portion of a strip loin or rib steaks produced only from the anterior portion of a rib item). The AMS agent shall determine the supervision necessary to assure all suitable lean is used.

**TABLE 100 R <sup>1/</sup>**

The following defects are applicable to all **boneless portion cut** items except for Item Nos. 1100, 1101, 1102. Sample unit shall be 1 portion cut item. No individual defect shall be scored more than once per sample unit.

102	Bone measuring 0.2 inch (5 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension.	164	Presence of any portion of unauthorized muscles or bone exceeding 0.5 inch (13 mm) in any dimension on either side.
109	Cartilage measuring 0.3 inch (8 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension.	266	Thickness of portion cut not within tolerance permitted (for 1136, 1136A, 1136B, 1136C, 1137, 1137A thickness does not meet thickness requirements from resulting plate size).
110	Backstrap measuring 0.2 inch (5 mm) or more in one dimension and 0.5 inch (13 mm) or more in a second dimension.	267	Thickness uniformity of portion varies more than tolerance.
215	The membranous covering from skirts, flanks, hanging tenders, and abdominal section of short plates or the membranous portion of the diaphragm measuring 2.0 square inches (12.9 sq cm) or more.	271	Item breaks completely apart when suspended from a point no less than 0.5 inch (13 mm) from outer edge. (Not applicable to Item Nos. 1136, 1136A, 1136B, 1136C, 1137, 1137A)
118	Exposed lymph gland measuring 0.5 inch (13 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension.	277	Folds in steaks resulting in overlap on more than 20 percent of the surface area. (Item No. 1138A)
220	Presence of blood vessel measuring 0.5 inch (13 mm) or more in one dimension and 0.1 inch (2 mm) or more in a second dimension.	279	Specified dimensions (e.g., diameter, length and width) of portion cut not within 0.5 inch (13 mm).
127	Evidence of dark cutting or callused beef.	281	Presence of tag end measuring 1.0 inch (25 mm) or more in any dimension and will not support the weight of the steak when suspended.
226	End of diaphragm not reasonably squared off.	289	Ground beef patty or flaked and formed steak having color that is abnormally light (i.e., light grayish pink).
252	Presence of unauthorized heavy connective tissue measuring 1.0 inch (25 mm) or more in one dimension and 0.1 inch (2 mm) or more in a second dimension.	290	Presence of green/brown/gray areas 1.0 square inch (6.5 sq cm) or more. (Item No. 1138A)
253	Presence of gluteus medius muscle on both sides of a strip loin steak, center cut (Item No. 1180A).	292	Bruise measuring 1.0 inch (25 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension.
260	Weight of portion cut not within tolerance permitted.	293	Blood clot measuring 0.5 inch (13 mm) or more in one dimension and 0.2 inch (5 mm) in a second dimension.
262	Score into the lean more than 1.0 inch (25 mm) in length and more than 1/2 the thickness of the portion cut in depth.	294	Presence of any portion of the spinal cord.
140	Maximum fat thickness at any point exceeding that specified or required in the item description.	295	Presence of dehydrated surfaces measuring 1.0 square inch (6.5 sq cm) or more.
141	Maximum average fat thickness exceeding that specified or required in the item description.	298	Cut not practically free of bone dust.
163	Ventral edge of rib and loin items exceeding requirement by 0.2 inch (5 mm) or more.		

<sup>1/</sup> No more than a small amount of suitable lean may be removed from properly prepared cuts prior to production of respective portion cut items (i.e., strip steaks may not be produced only from the posterior portion of a strip loin or rib steaks produced only from the anterior portion of a rib item). The AMS agent shall determine the supervision necessary to assure all suitable lean is used. Raw materials used for ground beef patties, flaked and formed steaks, and sliced and formed steaks shall be examined in accordance with items described in respective item description.

**TABLE 100 S <sup>1/</sup>**

The following defects are applicable to Item Nos. 1100, 1101, 1102. Sample unit shall be 1 portion cut item. No individual defect shall be scored more than once per sample unit.

102	Bone or cartilage measuring 0.2 inch (5 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension.	140	Maximum fat thickness at any point exceeding that specified or required in the item description.
109	Cartilage measuring 0.3 inch (8 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension.	141	Maximum average fat thickness exceeding that specified or required in the item description.
110	Backstrap measuring 0.2 inch (5 mm) or more in one dimension and 0.5 inch (13 mm) or more in a second dimension.	269	Surface and/or seam fat measuring 0.1 inch (2 mm) or more in thickness exceeding 50 percent of total circumference of the steak. (Item No. 1102)
118	Exposed lymph glands measuring 0.5 inch (13 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension.	270	Surface and/or seam fat exceeding 15 percent of total area on either side of the steak. (Item Nos. 1100, 1101)
220	Presence of blood vessel measuring 0.5 inch (13 mm) or more in one dimension and 0.1 inch (2 mm) or more a second dimension.	271	Item breaks completely apart when suspended from a point no less than 0.5 inch (13 mm) from outer edge.
252	Presence of heavy opaque connective tissue on outer edge of steaks measuring 1.0 inch (25 mm) or more in one dimension and 0.3 inch (8 mm) or more in a second dimension.	278	Knitting of two or more pieces together. (Item Nos. 1101, 1102)
255	Presence of intermuscular heavy connective tissue measuring 0.2 inch (5 mm) or more in thickness.	279	Specified dimensions (e.g., diameter, length and width) of portion cut not within 0.5 inch (13 mm).
260	Weight of portion cut not within tolerance permitted.	281	Presence of tag end measuring 1.0 inch (25 mm) or more in any dimension and will not support the weight of the steak when suspended.
262	Score more than 1.0 inch (25 mm) in length and more than 1/2 the thickness of the portion cut in depth.	292	Bruise measuring 1.0 inch (25 mm) or more in one dimension and 0.2 inch (5 mm) or more in a second dimension.
127	Evidence of dark cutting or callused beef.	293	Blood clot measuring 0.5 inch (13 mm) or more in one dimension and 0.2 inch (5 mm) in a second dimension.
266	Thickness of portion cut not within tolerance permitted.	194	Presence of any portion of the spinal cord.
267	Thickness uniformity of portion varies more than tolerance.	295	Presence of dehydrated surfaces measuring 1.0 square inch (6.5 sq cm) or more.
		298	Cut not practically free of bone dust.

<sup>1/</sup> The AMS agent shall determine the supervision necessary to assure proper specified origin of all raw materials used.